

Notice of Allowability

Application No.

10/521,932

Examiner

MARK O. AFOLABI

Applicant(s)

HALLENSTAL ET AL.

Art Unit

2454

– The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication filed on 06/05/2009.
2. ☒ The allowed claim(s) is/are 11, 12, 15 and 16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☒ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 01/24/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 08/12/2009
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/MARK O. AFOLABI/
Examiner, Art Unit 2454

/Nathan J. Flynn/
Supervisory Patent Examiner, Art Unit 2454

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview (972-583-1572) with Steven W. Smith on August 12, 2009.

The application has been amended as follows: claim 11 on p. 2 and 3 of 6 and claim 15 on p. 3 and 4 of 6, to read as follows:

IN THE CLAIMS:

2. Claims 11, 13-14, 15 and 17-18 are amended as follows:

Claim 11. A method of testing end to end relations between an originating gateway and a destination gateway in an IP network, said method comprising the steps of:

reserving call handling resources in the originating gateway for an end to end test;

establishing a session between the originating gateway and the destination gateway;

sending a seizure signal from the originating gateway to the destination gateway, said seizure signal indicating that the end to end test is to be performed, which interface to use for the test, a codec to be utilized for the test, and a desired number of call handling resources to be used for the test;

receiving a resource ready acknowledgment signal in the originating gateway from the destination gateway, said acknowledgment signal indicating that the desired number of resources are available in the destination gateway;

configuring the reserved call handling resources in the originating gateway with appropriate data for the test in response to the acknowledgment signal from the destination gateway;

sending a plurality of test data packets with the data for the test to the destination gateway;

distinguishing the test data packets from other data traffic in the destination gateway on the basis of the source address field in the test data packet headers;

looping back the received test data packets from the destination gateway to the originating gateway by exchanging source and destination address fields in the packet headers of the test data packets, while sending other data traffic to defined destinations;

receiving the looped back test data packets in the originating gateway; and

calculating quality statistics for the received data packets by the originating gateway, the quality statistics includes dropped packets, round trip delay, and jitter.

Claims 13 and 14 (Canceled)

Claim 15. An arrangement for testing end to end relations between an originating gateway and a destination gateway in an IP network, said arrangement comprising:

means in the originating gateway for reserving call handling resources in the originating gateway for an end to end test;

means for establishing a session between the originating gateway and the destination gateway;

means in the originating gateway for sending a seizure signal from the originating gateway to the destination gateway upon establishment of the session, said seizure signal indicating that the end to end test is to be performed, which interface to use for the test, a codec to be utilized for the test, and a desired number of call handling resources to be used for the test;

means in the originating gateway for receiving a resource ready acknowledgment signal from the destination gateway, said acknowledgment signal indicating that the desired number of resources are available in the destination gateway;

means in the originating gateway for configuring the reserved call handling resources in the originating gateway with appropriate data for the test in response to the acknowledgment signal from the destination gateway;

means in the originating gateway for sending a plurality of test data packets with the data for the test to the destination gateway;

means in the destination gateway for distinguishing the test data packets from other data traffic on the basis of the source address field in the test data packet headers;

means in the destination gateway for looping back the received test data packets to the originating gateway by exchanging source and destination address fields in the packet headers of the test data packets, while sending other data traffic to defined destinations;

means in the originating gateway for receiving the looped back test data packets;

means in the originating gateway for calculating quality statistics for the received data packets by the originating gateway, the quality statistics includes dropped packets, round trip delay, and jitter.

Claims 17 and 18 (Canceled)

3. When taken in context the claim(s) as a whole was/were not disclosed in any prior art i.e., the dependent claims are allowed as they depend upon an allowable independent claim.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments regarding Statement of Reasons for Allowance."

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK O. AFOLABI whose telephone number is (571) 270-5627. The examiner can normally be reached on Monday-Friday between (8:30 am to 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, NATHAN FLYNN can be reached on 571-272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M.O.A/
MARK O. AFOLABI
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